

## Product datasheet for **MG217614**

### Secisbp2l (NM\_177608) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Secisbp2l (NM\_177608) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Secisbp2l  
**Synonyms:** 3110001I20Rik; AI504340; C630011I23  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG217614 representing NM\_177608  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCGAGCGCCGGCCGAGCAGAATGTGAAGCTCTCCGCTGAAGTGGAGCCGTTTCGTCCCCAGAAGA  
AGAATCTGGATGCCTTTGTTCTCCCATGGCTCTCCCAAGTATAATGGAAGTGTTCGGGGTGGAGCC  
AACTCCAATCCCTAGTTACCTGATTACTTGCTACCCGTTGTTCCAGGAAAACCAGTCCAATAGACAATTT  
CCTTTATATAACAACGATATACGATGGCAGCAGCCAGCCCAAGTCTACCGACCCTACCTTGCCTACC  
CCATTATATCTGCTCAGCCACCTGTTTCCACAGAGTACACCTATTACCAGCTGATGCCAGCACCCGTGTC  
CCAAGTTATGGGCTTCTATCATCCTTTTCTACCCCTTACTCCAGCACCTTCCAGGCTGCAAACTGTC  
AATGCCATAAGCACAGAATGCACCGAGCGTCAAATCAGCTGGGGCAGGCCTTCCCGCTGTCCAGTCATC  
GGAGCAGGAATGGTAACAGAGGGCCAGTGGTGCCAAAACCGCAGCTTTTACAACAACATATAAAAAACAA  
AAGACCACAGGTGAAGAAATGTGGCTACTCAGAAAGAAACAAGCGCAACAGGTCTGATAGCCGATCAAAA  
ATTGTGCTTCTGGTAGATGCTTCACAGCAAAGTATTTCCCATCAGACATCGCTAATAAGTCTCTCTCGG  
AGAGCACAGCCACAATGCTCTGGAAAGCCAAAGGCAGGAGGAGAAGAGCGTCCCACCCTGCTGTAGAGTC  
CTCCAGTGAGCAGGGCCAGTGAAGCTGACATCGACAGCGACAGCGGCTACTGCAGTCCAAGCACAAAC  
AACCAAGTCTGCGCCAGGGGCTCTGCGCGACCCTGCCTCTGGGACCATGAACCGTTTGGAGTCATCGGGCT  
GTTGAGGTGGTGTAAACTGGCCCAAAGTAACTTGCCAGGCAACTCAGAAAAGACCTTGGATGGAAAAGAA  
CCAAGCATTTTCTAGAGGTGGAAGGCAAAGTGAACAAAAGAAATAATTTACAGGTTGGATTAGATGCAGA  
GGGCACAGTACTTCTCAGAAAAGACAGAAATTTGCAAAAAGAGACAAGACAATAAGCACTTAAACTCTA  
CTCAGTCTCACAGAAGTGACCCAAATCCGAGTCTTTATATTTTGGAGTGAAGATGGGTTTCAAGAACT  
AAGTGAGAATGAAAATCTAAAGATGAGAATATCAACAGAACTTTCTTCAAAGTATTGGATGACTTA  
CCTGAGAACTCACCCATCAATATAGTTCAGACTCCGATCCCATCACCACCTCAGTTCCTAAGCGAGCCA  
AGAGTCAGAAAGAAAAAGCGTTAGCTGCAGCCCTTGCTACAGCACAGGAATACTCAGAAAATAGTATGGA  
GCAAAAAAAGTTGCAGGAAGCTCTATCAAAGCAGCTGAAAAAAGACTAAAACCCTGTGCAGCTGGAC



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CTAGGGGACATGCTAGCTGCTCTGGAGAAGCAGCAGCAGCAATGAAGGCACGCCAGATACCAACACCA  
 GGCCGCTGGCACATCCAGTTGTACCACAGCCACTTTCCACACTAAAGACTCTAACAGAAAAGACCTTAGC  
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 AAGAAGTGCAGCTCAATAGTAGAATCGAGTCTGGGCTCCGAGACCCAGAGGACTATGGAGACACTGCA  
 GCTTGGCAAAGCCCTTCTGGCTCGGAGGAAGACAGTGCAGAGCAAAGTGGAGAGGAAGCAGCGGAAGTG  
 CCCGAAGGGCTGGAGTCCGGGGCAGACAGTGTGACCTGGACTCCCGACCAGCCGCAAGCCAGCAGTA  
 ACATGGGCAAAGAGCACCTGATTCCAGTTCTCTCCCAAAGTACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG217614 representing NM\_177608

Red=Cloning site Green=Tags(s)

MDRAPAEQNVKLSAEVEPFVQKKNLDAFVLPALPSDNGSVSGVEPTIPSYLITCYPFVQENQSNRQF  
 PLYNNDIRWQQSPSPPTGPYLAYPEIISAQPPVSTEYTYQLMPAPCAQVMGFYHPFPTPYSSTFQAANTV  
 NAISTECTERPNQLGQAFPLSSHRSRNGNRGPVVPKQQLQHQHKNKRPQVKNVATQKETSATGPDSRSK  
 IVLLVDASQQTDFPSDIANKSLSESTATMLWKAKGRRRRASHPAVESSSEQGASEADIDSDSGYCSPKHN  
 NQSAPGALRDPASGTMNRLESSGCSGGVNWPKVTCQATQKRPWMEKNQAFSRGGRQTEQRNQLQVGFRCR  
 GHSTSSERRQNLQKRQDNKHLNSTQSHRSDPNSESLYFEDEDGFQELSENGNSKDENIQQKLSKVLDDL  
 PENSPINIVQTPIPITTSVPKRAKSQKKKALAAALATAQEYSEISMEQKQLQEALSKAAGKTKTPVQLD  
 LGDMLAALEKQQQAMKARQITNTRPLAHPVVTATFHTKDSNRKTLAKSQPCVTSFNSLDITSSKAKKGGK  
 EKEIAKLKRPTALKKVIKEREKKGRLIVEHVSVLGAEPTETHLDLTNDLPQETVVSQEDAGLSMPSDAS  
 LSPASQNSPYCMTVPSVQSGSPASSIGSPMASSTITKIHSKRFREYCNQVLSKEIDECVTLQLLQELVSFQE  
 RIYQKDPVRAKARRRLVMGLREVTKHMKLNKIKCVIISPNCIKIQSKGGLDEALYNVIAMAREQEIPFVF  
 ALGRKALGRCVNKLVPVSVVGIFFNYFGAESLFNRLVELTEEARKAYKDMVAATEQEQAEEALRSVKTVPH  
 HMGHSRNPASAASISFCSVISEPISEVNEKEYETNWRSMVETSDGLEPSEMEKAAPCTHSPPEKPSRLAL  
 DTSLVGKQLPLAAGSITSAPSQKPTGDKDELKPDLEWASQQSTETGSLDGDGSCRDLLNSSITSTSTLV  
 PGMLEEEDEEEEEEDYSHEPTAEVQLNSRIESWVSETQRTMETLQLGKALPGSEEDSAEQSGEEAAEV  
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TRTRPLE - GFP Tag - V

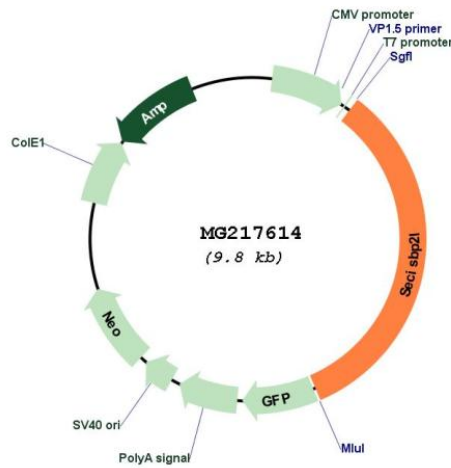
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_177608

ORF Size: 3267 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_177608.3</a></u> , <u><a href="#">NP_808276.2</a></u>
<b>RefSeq Size:</b>	6797 bp
<b>RefSeq ORF:</b>	3270 bp
<b>Locus ID:</b>	70354
<b>Cytogenetics:</b>	2 F1